

Matrix And Determinants

Sr	Questions	Answers Choice
1	If the points of contact of a common tangent to the two circles are on the same side of the line joining their centers then this common tangent is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
2	A line segment that bisects angles of the triangle and has its other end on the side opposite to that angle is called:	A. altitude of the triangle B. incenter of the triangle C. angle bisector of the triangle D. median of the triangle
3	An equilateral rectangle is called a:	A. Polygon B. quadrilateral C. parallelogram D. square
4	All the altitudes are equal of an:	A. rectangle B. scalene triangle C. isosceles triangle D. equilateral triangle
5	Median to the equal sides of an isosceles triangle are:	A. congruent B. equal C. similar D. unequal
6	The number of angle bisectors of a triangle is:	A. 1 B. 2 C. 3 D. 4
7	The centroid of a triangle divides each one of the medians in the ratio:	A. 1:1 B. 1:2 C. 2:1 D. 2:2
8	The midpoint of the diameter of a circle is called:	A. radius B. chord C. center D. tangent
9	The point at which the three angle-bisector of a triangle meet is called:	A. circum-center of the triangle B. incenter of the triangle C. centroid of the triangle D. orthocenter of the triangle
10	The opposite angles of a parallelogram are:	A. congruent B. similar C. equal D. right angle
11	The point of intersection of the perpendicular bisectors of the sides of a triangle meet is called	A. circum-center of the triangle B. incenter of the triangle C. centroid of the triangle D. orthocenter of the triangle
12	A line segment joining a vertex to the midpoint of the side opposite to the vertex is called:	A. altitude to the triangle B. side bisector of the triangle C. angle bisector of the triangle D. median to the triangle
13	If the centers of two circles lie in either side of the common tangent then it is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
14	The altitudes of a triangle are:	A. concurrent B. collinear C. non-collinear D. non-concurrent
15	A parallelogram containing a right angle is called a:	A. quadrilateral B. square C. rectangle D. equilateral

